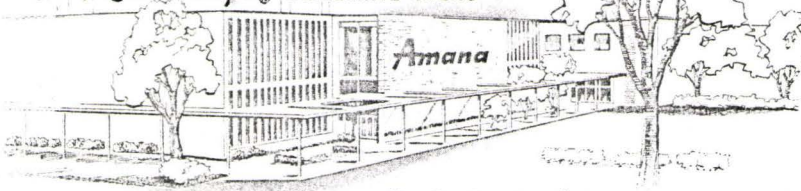


30
FREEZERS • REFRIGERATOR/FREEZERS • AIR CONDITIONERS

CENTRAL SYSTEM AIR CONDITIONING AND HEATING

DEHUMIDIFIERS • STOR-MOR® COMPACTOR

Radaranage® MICROWAVE OVENS



AMANA REFRIGERATION, INC.

May 27, 1983

AMANA, IOWA 52204

Amana Refrig.

RECORD COPY

File Name

H.W. Facility File

Senders Initials

RLK

Mr. Dennis J. Appelhons
Environmental Specialist
Iowa Department of Environmental Quality
Wallace Building
900 E. Grand Avenue
Des Moines, Iowa 50319

Dear Mr. Appelhons:

This letter is being supplied to satisfy the State requirement of Chapter 41 (Notification of Hazardous Conditions), Part 400-41.2 (455B) and 41.2 (2) of the Iowa Code.

A. Location -

Rest Area on Interstate 80, at approximately mile marker 300 and U.S. Highway 67 next to the Pleasant Valley Fire Department.

B. The first call came to Amana Refrigeration, Inc. at 4:45 P.M. on May 16, 1983. It was reported by Gene Jameson of Waste Research and Reclamation Company of Eau Claire, Wisconsin.

C. The material in transit was Toluene Diisocyanate. The truck was hauling 3,000 gallons packaged in 188 16-gallon DOT-approved E-7768-16 drums. The approximate volume spill was 48 gallons.

D. The medians that were involved in the spill were the parking area at the Rest Stop, the shoulder and air around the van on Highway 67 next to the Pleasant Valley Fire Department.

E. The truck firm doing the transporting of the waste was Waste Research & Reclamation Company, Inc.; telephone 715 834-9624; permit # WI990829475.

F. Amana Refrigeration, Inc. called the Iowa Department of Environmental Quality at Washington, Iowa on May 16, 1983 at 5:15 P.M. The report was made to Earl C. Voelker, Sr., Regional Administrator at the Region 6 office.

G. Weather conditions at the time of the spill were "partly cloudy with a possibility of rain".



R00003018

RCRA Records Center

RECEIVED
MAY 31 10 31 AM '83
IOWA DEPARTMENT OF ENVIRONMENTAL QUALITY

AMANA REFRIGERATION, INC.

AMANA, IOWA 52204

Mr. Dennis J. Appelhons
Iowa Department of Environmental Quality
Des Moines, Iowa 50319

Page Two

May 27, 1983

- H. Wayne Giddings, Senior Vice President-Manufacturing and Engineering, of Amana Refrigeration, Inc., was the reporter of the hazardous spill to the Iowa D.E.Q.
- I. If more information on the May 16, 1983 spill is needed by your office please contact Robert Steiff, Hazardous Waste Coordinator for Amana Refrigeration, Inc. I can be reached at 319 622-5511, from 8:00 A.M. to 5:00 P.M.
- J. Amana Refrigeration, Inc. sent clean-up personnel to the site to assist in cleaning up the area. The clean-up crew was on the site of the spill by 9:00 P.M. that evening.

The procedure for clean-up is as follows:

1. The use of sand and Floor-Dry to absorb the TDI.
2. Putting the sand and Floor-Dry into drums for transportation.
3. The area was then neutralized with a neutralization solution which consists of:
 - a) 5% Aqueous Ammonia
 - b) 10% Isopropyl Alcohol
 - c) 2% Tincture of Green Soap
 - d) 83% Water
4. This material was then absorbed with Floor-dry and also put into drums for disposal.

The Rest Stop and Highway 67 were then re-opened at 3:00 to 3:30 A.M. on Tuesday, May 17, 1983.

On May 17, 1983 the drums that were in the truck that had leaked were transferred to another truck that was brought in by Waste Research & Reclamation Company of Eau Claire. After the drums were transferred the Floor-dry and TDI material in the truck was placed into drums. The van was then washed with a neutralization

AMANA REFRIGERATION, INC.

AMANA, IOWA 52204

Mr. Dennis J. Appelhons
Iowa Department of Environmental Quality
Des Moines, Iowa 50319

Page Three

May 27, 1983

liquid. The neutralized liquid was then absorbed with Floor-dry and put into drums for disposal. The TDI that remained on the rear of the van was removed with Methylene Chloride.

All the extra drums that would not fit in the second truck were then put into the original decontaminated truck. All pallets were decontaminated and disposed of at ESG Watts Landfill in Moline, Illinois, with the approval of the Illinois E.P.A.

If any more information is needed, please feel free to contact me.

Yours truly,

AMANA REFRIGERATION, INC.



Robert Steiff
Hazardous Waste Coordinator &
Superintendent of Waste Treatment

RS:rmt

cc: Mr. Ron Kolpa
Iowa Department of Environmental Quality